FACTSHEET

(pursuant to NAC 445A.236)

SO I'M NEW TO REVIEWING WPC PERMITS, SO EXCUSE ANY OFF-THE-WALL COMMENTS. I ONLY COMMENTED ON THE FACT SHEET AND NOT THE PERMIT TABLES. IF CHANGES ARE APPROPRIATE I WOULD EXPECT THAT THE PERMIT TABLES BE CHANGED ACCORDINGLY. *Dave Simpson*

Permittee Name: CITY OF LAS VEGAS
333 NORTH RANCHO DRIVE
LAS VEGAS, NV - 89106

Permit Number: NV0024231

Location: BOULDER HWY STORM DRAIN, CLARK
BOULDER HIGHWAY, LAS VEGAS, NV - 89144
LATITUDE: 36.145720, LONGITUDE: -115.101490
TOWNSHIP: 21, RANGE: 61, SECTION: 1, 35

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	001	External Outfall		LAS VEGAS	NV	89104	CLARK	36.145720	-115.101508	LAS VEGAS WASH
002	002	External Outfall		LAS VEGAS	NV	89104	CLARK	36.145706	-115.102972	LAS VEGAS WASH
003	003	External Outfall		LAS VEGAS	NV	89104	CLARK	36.147819	-115.103889	LAS VEGAS WASH
004	004	External Outfall		LAS VEGAS	NV	89104	CLARK	36.148628	-115.104839	LAS VEGAS WASH
005	005	External Outfall		LAS VEGAS	NV	89104	CLARK	36.149447	-115.105758	LAS VEGAS WASH
006	006	External Outfall		LAS VEGAS	NV	89104	CLARK	36.150261	-115.106667	LAS VEGAS WASH
007	007	External Outfall		LAS VEGAS	NV	89104	CLARK	36.151072	-115.107592	LAS VEGAS WASH
008	008	External Outfall		LAS VEGAS	NV	89104	CLARK	36.1519	-115.108511	LAS VEGAS WASH
009	009	External Outfall		LAS VEGAS	NV	89104	CLARK	36.152703	-115.109442	LAS VEGAS WASH
010	010	External Outfall		LAS VEGAS	NV	89104	CLARK	36.153525	-115.110333	LAS VEGAS WASH
011	011	External Outfall		LAS VEGAS	NV	89104	CLARK	36.154328	-115.111256	LAS VEGAS WASH
012	012	External Outfall		LAS VEGAS	NV	89104	CLARK	36.155125	-115.112189	LAS VEGAS WASH
013	013	External Outfall		LAS VEGAS	NV	89104	CLARK	36.155911	-115.113122	LAS VEGAS WASH
014	014	External Outfall		LAS VEGAS	NV	89104	CLARK	36.156689	-115.114083	LAS VEGAS WASH
015	015	Sum		LAS VEGAS	NV	89104	CLARK	36.145720	-115.101490	LAS VEGAS WASH

General:

The City of Las Vegas has applied for a National Pollutant Discharge Elimination System (NPDES) permit to discharge groundwater generated during dewatering activities associated with their Boulder Highway Storm Drain (BHSD) project for the installation of a Clark County regional flood control storm drain FLBN - 0038. Depending on the groundwater elevations at the time of the construction, the construction dewatering is expected to occur along some, or all, of Boulder Highway from Sahara Avenue to Charleston Boulevard. Groundwater will be discharged into an existing flood control facility (FLBN 0033) consisting of a 15'X10'

reinforced concrete box (RCB) located just north of the intersection of Sahara Avenue and Boulder Highway.

Dewatering activities will be performed in accordance with the Division-reviewed dewatering plan. The dewatering shall include the appropriate controls, best management practices, and protocols to ensure the discharges are within the water quality standards established for the receiving water body. The limits listed in NAC 445A.2156 for the receiving water body segment of Las Vegas Wash at Telephone Line Road Steamboat, Nevada 2014 Integrated Report (IR2014), and NAC 445A.1236 for the standards for all surface waters in Nevada apply for the discharges being permitted. The current permit conditions and determinations are based on the currently available representative water sampling. During the actual discharge the effluent sampling shall be reviewed regularly and when needed, upon approval from the Bureau, the Permittee may use additional treatment in order to meet the permit requirements.

Discharge Characteristics:

THE TDS SAMPLES ARE HIGHER THAN THE LIMIT IN THE PERMIT. WE CAN'T ISSUE A PERMIT THE PERMITTEE WILL VIOLATE — *Robert E. Wimer, Jr.*

The Permittee has submitted a 'no objection' letter, dated November 03, 2017, from the Clark County Department of Public Works for the BHSD project for discharging up to a maximum of 1400 gallons per minute (2.016 million gallons per day (MGD)); The Permittee requested and permitted daily maximum discharge rate is slightly lower at less than 2,000,000 gallons per day (<2.0 MGD).

The representative water quality sampling, as reported by the permittee has predominantly non-detect (ND) results with few exceptions that are present but below the levels warranting treatment. Volatile Organic Compounds (VOCs) and Hydrocarbons, total petroleum (TPH C6-C34) are reported ND. The two parameters of concern for the Flamingo Wash are Selenium and Boron. Selenium is reported at ND; no data is reported for Boron at this time. Reported total Nitrogen in the same representative sample ranged from 5.97 mg/l to 7.58 mg/l

Total Dissolved Solids (TDS) for the same samples are reported as 3010 mg/l and 3620 mg/l.

Receiving Water:

Las Vegas Wash via Clark County Storm Drain System discharges to Flamingo Wash.

Summary of Changes From Previous Permit:

This is a new permit.

Proposed Effluent Limitations:

THE RMHQ FOR TDS IS SET AT 95% OF S.V. SAMPLES <= 1900 MG/L — *Dave Simpson*

THE WASH HAS A TMDL ON AMMONIA AND PHOSPHORUS WITH THE TOTAL MAXIMUM ALLOWABLE LOADS AT 434 LBS/DAY TOTAL PHOSPHORUS AND 970 LBS/DAY TOTAL AMMONIA. — *Dave Simpson*

RESOLVED — *Sharada Maligireddy*

The discharge limitations and permit conditions are as stipulated below and are consistent with but not limited to the Water Quality Based Effluent Limitations (WQBELs) based off of NAC 445A.1236, NAC 445A.2156, IR2014, and Technology Based Effluent Limitations (TBELS) based on best professional judgment (BPJ).

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Monthly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Discharge Per Day Maximum	<= 2.0 Million Gallons per Day (Mgal/d)		Effluent Gross	015	Daily When Discharging	CALCTD
Flow rate	30 Day Average	<= 1.0 Million Gallons per Day (Mgal/d)		Effluent Gross	015	Daily When Discharging	CALCTD
Temperature, water deg. centigrade	Daily Maximum		M&R Degrees Centigrade (deg C)	Effluent Gross	015	Monthly When Discharging	GRAB
pH, minimum	Daily Minimum		>= 6.5 Standard Units (SU)	Effluent Gross	015	Monthly When Discharging	GRAB
pH, maximum	Daily Maximum		<= 9.0 Standard Units (SU)	Effluent Gross	015	Monthly When Discharging	GRAB
Oxygen, dissolved (DO)	Daily Minimum		>= 2.0 Milligrams per Liter (mg/L)	Effluent Gross	015	Monthly When Discharging	GRAB
Nitrogen, inorganic total	Daily Maximum		<= 20 Milligrams per Liter (mg/L)	Effluent Gross	015	Monthly When Discharging	DISCRT
Nitrogen, nitrite total (as N)	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	015	Monthly When Discharging	GRAB
Solids, total suspended	Daily Maximum		<= 135 Milligrams per Liter (mg/L)	Effluent Gross	015	Monthly When Discharging	DISCRT
Solids, total dissolved	Daily Maximum		<= 3000 Milligrams per Liter (mg/L)	Effluent Gross	015	Monthly When Discharging	DISCRT
Boron, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	015	Monthly When Discharging	DISCRT

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Monthly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Selenium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	015	Monthly When Discharging	DISCRT
Hydrocarbons, total petroleum	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	015	Monthly When Discharging	GRAB

Notes (Discharge Limitations Table):

1. Permittee shall obtain one sample each from either each of the outfalls or each of the dewatering wells used (at the beginning or end of the pipe carrying each of the effluent stream from such wells) through the reporting period and report the values consistent with the respective bases quarterly, except for the flow rate which represents the sum of daily flows from ALL the discharges through that day.
2. The field measurements of pH and Temperature (as listed in this monthly monitoring table), must be taken at the same time and location as the water sample destined for the laboratory analysis of ammonia per the limit set to be reported quarterly (015-Q), when applicable.

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Nitrogen, ammonia total (as N)[3]	30 Day Average	[1]	<= 1.0 Ratio (Ratio)	Effluent Gross	015[4]	Quarterly[2]	GRAB
Nitrogen, ammonia total (as N)	Daily Maximum	M&R Pounds per Day (lb/d)		Effluent Gross	015	Quarterly	GRAB
Phosphorus, total (as P)	Daily Average	M&R Pounds per Day (lb/d)		Effluent Gross	015	Quarterly	DISCRT

Notes (Discharge Limitations Table):

1. This ratio is based on the chronic water quality criteria for total ammonia for waters where freshwater fish in early life stages may be present; and shall be reported as a ratio calculated from the following equation:
   Ratio = (Total ammonia as N in mg/l)/Limit where
   Limit expressed in mg nitrogen/l =
   $[0.0577/(1+10^{7.688-pH})]+[2.487/(1+10^{pH-7.688})] \times MIN[2.85,1.45 \times 10^{0.028(25-T)}]$ where MIN means the lesser of the two values separated by comma, and T is the temperature in degree Celcius (^{o}C) and 'x' denotes multiplication symbol.
2. See special conditions/approval table item #6.
3. This parameter, calculated using the 30-day average concentration of total ammonia, must not exceed more than once every 3 years on average; and the highest 4-day average of total ammonia as N within the 30-day period must not exceed 2.5 times the applicable chronic criteria (or ratio <=2.5) as determined per Table 2 of NAC 445A.118.
4. The field measurements of pH and Temperature (as used in the Limit definition), must be taken at the same time and location as the water sample destined for the laboratory analysis of ammonia.

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
1,2,4-Trichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
1,2-Dichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
1,2-Diphenylhydrazine	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
1,3-Dichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
1,4-Dichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
2,4-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
2,6-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
2-Chloronaphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
3,3-Dichlorobenzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
4-Bromophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
4-Chlorophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Acenaphthene	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Acenaphthylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Benzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Benzo(a)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Benzo(a)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Benzo(b)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Benzo(ghi)perylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Benzo(k)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Bis(2-chloroethoxy)methane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Bis(2-chloroethyl) ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Bis(2-chloroisopropyl) ether	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Bis(2-ethylhexyl) phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Butyl benzyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Chrysene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Dibenzo(a,h)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Diethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Dimethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Di-n-butyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Di-n-octyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Fluorene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Hexachlorobenzene	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Hexachlorobutadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Hexachlorocyclopentadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Hexachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Indeno(1,2,3-cd)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Isophorone	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Naphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Nitrobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
N-Nitrosodimethylamine (NDMA)	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
N-Nitrosodi-N-propylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
N-Nitrosodiphenylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Phenanthrene	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
1,1,1-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
1,1,2,2-Tetrachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
1,1,2-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
1,1-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
1,1-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
1,2-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
1,2-Dichloropropane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
trans-1,2-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
1,3-Dichloropropene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
2-Chloroethyl vinyl ether, (mixed)	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Acrolein	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Acrylonitrile	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Benzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Bromoform	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Carbon tetrachloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Chlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Chloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Chloroform	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Dibromochloromethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Dichlorobromomethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Ethylbenzene	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Methyl bromide (Bromomethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Methyl chloride (Chloromethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Methylene chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Tetrachloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Toluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Trichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
Vinyl chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	DISCRT
4,4-DDD	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
4,4-DDE	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
4,4-DDT	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Aldrin	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
.alpha.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
.alpha.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
.beta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
.beta.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Chlordane (tech mix. and metabolites)	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
.delta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Dieldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Endosulfan sulfate	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Endrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Endrin aldehyde	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
.gamma.-BHC	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Heptachlor	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Heptachlor epoxide	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
PCB-1016	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
PCB-1221	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
PCB-1232	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
PCB-1242	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
PCB-1248	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
PCB-1254	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
PCB-1260	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Toxaphene	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
2,4,6-Trichlorophenol	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
2,4-Dichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
2,4-Dimethylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
2,4-Dinitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
2-Chlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
2-Methyl-4,6-dinitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
2-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
4-Chloro-3-methylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
4-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Pentachlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Phenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total recoverable	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Arsenic, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Beryllium, total recoverable (as Be)	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Cadmium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Chromium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Copper, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Lead, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Mercury, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Nickel, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Silver total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Thallium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 015 (Sum Of Outfalls 001 - 014 And/Or Dewatering Well Discharges) To Be Reported Biannually (Every Two Years)[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Zinc, total recoverable	Daily Maximum		Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
2,3,7,8-Tetrachlorodibenzo-p-dioxin	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS
Asbestos	Daily Maximum		M&R Fibers per Milliliter (Fib/mL)	See Footnote	015	Once Every 2 Years	COMPOS
Cyanide, total (as CN)	Daily Maximum		M&R Micrograms per Liter (ug/L)	See Footnote	015	Once Every 2 Years	COMPOS

Notes (Discharge Limitations Table):

1. Sampling to comply with this limit set shall be same or collected simultaneous to the samples collected for the 015-monthly limit set.

Proposed Technology Based Effluent Limitations:

There are no TBELs available presently for the proposed discharge activity as promulgated by EPA, however, TBELs on BPJ basis are being implemented, as narrative standards (Items 4 & 5 as special conditions/approvals table).

Proposed Water Quality-Based Effluent Limitations:

THE RMHQ FOR TDS IS SET AT 95% OF S.V. SAMPLES <= 1900 MG/L Dave Simpson

WQBELs: NAC 445A.1236, NAC.445A.2156 (combination of requirement to maintain higher quality (RMHQ) and most restrictive water quality standards for beneficial uses (WQSBU) are referred to determine the permit conditions.

Limit set for the outfall 015 (Monthly):

pH range limits of 6.5 Standard Units (SU) - 9.0 SU are WQSBU (Aquatic & Wildlife);

Total Inorganic Nitrogen limit of daily maximum <= 20 mg/l is RMHQ, the 95% S.V. basis is included as foot note;

Nitrite <=10 mg/l is WQSBU (Livestock);

Suspended Solids daily maximum <= 135 mg/l is WQSBU (Aquatic);

Total Dissolved Solids <= 3000 mg/l is WQSBU (Livestock);

Rationale for Permit Requirements:

NOT SURE I UNDERSTAND, OR BELIEVE, THE RATIONALE FOR DO. OUR LOWEST DO STANDARD TO SUPPORT AQUATIC LIFE IS 3 MG/L. IT WOULD BE MORE CONSISTENT AND A EASIER SELL TO USE 3 MG/L. *Dave Simpson*

THE TMDL HAS A NON POINT (YOUR BASE ??) LOAD ALLOCATION OF 100 LBS/DAY. SHOULDN'T THERE BE A LIMIT ON TP? I *Dave*

DON'T KNOW THE MEMO YOU MENTION, BUT MAYBE THAT SPELLS IT OUT. *Simpson*

RESOLVED DO & SHARED THE MEMO *Sharada Maligireddy*

The discharges covered under the proposed permit, though closely related to Construction and Development Category (EPA's industrial wastewater discharger categorization), the specific dewatering discharge itself is explicitly excluded as 'prohibited discharges' to be covered by the EPA promulgated Effluent Guidelines under 40 CFR section 450. The current permit conditions and limitations are arrived at based on WQBELs that refer to the relevant Water Quality Standards (WQS) pursuant to NAC 445A and special conditions and approvals based on BPJ and NAC 445A.

Various WQS as established for NAC 445A.2156 refer to single value (S.V.) basis, or 95% samples S.V. base, however, the EPA parameter base list does not have S.V. bases to implement directly. As such an attempt has been made to be consistent with the reference WQS by using either daily maximum limit solely or in combination with the 95% sample clause referenced via foot notes.

Temperature of the permittee's discharges are estimated to become equivalent to ambient temperature in view of the discharge volumes, several miles distance between the point of discharge and the point of entry into the Las Vegas Wash, and time of residence in the storm drain system. Temperature monitoring on M&R basis will help ensure the effluent temperatures are consistent with the routine groundwater effluent.

Las Vegas Wash's WQSBU for dissolved Oxygen (DO) does not have a numeric reference, but a descriptive 'aerobic conditions' as a 'goal'. In view of the current 303(d) listing details elaborating the currently supported uses for the Flamingo Wash and potential long time for the discharges to reach the Las Vegas Wash, and typical low DO levels of groundwater, a minimum DO limit of 2.0 mg/l is appropriate and consistent with such goal.

The limit of 20 mg/l for Total Inorganic Nitrogen as adapted referring to the RMHQ for Nitrogen Species (as N) is sufficient to ensure the WQSBU Nitrate reference value of 100 mg/l is not exceeded.

Based on the reasonable potential analysis (RPA), TDS limit of 3000 mg/l is adapted based on WQSBU (NAC445A.2156) and NAC 445A.120.

Las Vegas Wash ultimately discharges to the Lake Mead with currently established TMDLs for Ammonia and Total Phosphorous. However, dewatering discharge activities within the general Las Vegas area 'are considered to be part of the base phosphorous load recognized in the 1989 Lake Mead Total Phosphorous TMDL Load Allocation' per the BWQP memo dated June 9, 2017. As such the Total Phosphorous monitoring is required as M&R only.

Total Organic Nitrogen (TKN) is ND and the dewatering by itself does not contribute to any additional ammonia, as such monitoring and limiting ammonia based on impact ratio referring to the NAC445A.1236 is justified. The total ammonia, as nitrogen and total phosphorous as P monitored and reported on M&R basis expressed in pounds/day shall help the data needs for the Division's TMDL reviews covering the general receiving water bodies.

Bi-annual monitoring of the priority pollutants coupled with the requirement to sample the first year is sufficient to ensure the discharge water quality is consistent with the currently submitted representative water sample (with ND results).

Representative water sampling for VOCs, with all the results reported to be ND are basis for introducing single indicator parameter of TPH as M&R on monthly basis. Further the monthly monitoring of TPH shall ensure the permittee's project operations are within the expectations of the Bureau reviewed dewatering plans.

The current permit issuance is based on representative water quality samples only and permittee does not currently have an approved project design and dewatering plans. As such, upon permittee's request, all the potential point of entry points of the discharge from the project site into the Clark County storm drain system are identified as outfalls. However, the special condition will help the monitoring to be limited to actual outfall

locations and/or actual discharge as pumped out of the ground before entering into the storm drain system.

NAC 445A.2156 has a narrative reference of 'Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.'. However, not requiring the monitoring for the fecal coliform is justified based on the proposed discharge activities which are not a source for fecal coliform.

Special Conditions:

SA – Special Approvals / Conditions Table

Item #	Description
1	The representative sampling, as applicable per permit conditions and limitations, shall mean one sample each prior to discharge at all the designated outfalls applicable through the reporting period OR sampling of the effluent as pumped out from each of the dewatering wells that were used through the reference reporting period.
2	The Permittee shall maintain a log of all the dewatering activities and flow volumes through each of the reporting period. This log should be made available, upon request, to the Bureau.
3	The permittee shall provide, either by attaching or uploading electronically, a list of all the designated outfalls used for discharge through the reporting period while submitting the DMRs.
4	The dewatering discharges associated with the activities as covered by this permit shall not contain visible floating solids or foam.
5	The Permittee shall use an oil-water separator or suitable filtration device (such as cartridge filter) that is designed to remove oil, grease, or other products if dewatering water is found to contain these materials.
6	If the first four consecutive reported results are well within the compliance limits for the total ammonia as nitrogen, expressed as impact ratio per the limit set 015-Q, upon the Permittee's request, the monitoring frequency for this specific parameter may be changed to annual to be reported along with the annual reports, via minor modification .

Reasonable Potential Analysis and Antidegradation Review:

THE AVERAGE TDS VALUES IN THE WASH AT LAKE SHORE (TMDL) FOR 2016 ARE 1804 MG/L. HOW WILL YOU KNOW IF THE PERMITTED DISCHARGE WILL NOT RAISE THIS ABOVE THE RMHQ? MONITORING THE DISCHARGE WON'T TELL US MUCH THAT IS GOING ON IN THE WASH. THE WASH NEEDS TO BE HELD UNDER THE 1900 MG/L. — *Dave Simpson*

RESOLVED WITH DAVE, WAITING ON EPA TO ACCEPT/APPROVE THE RPA WITHOUT ANTI-DEG POLICY AND JUST CITING REGS. — *Sharada Maligireddy*

Total Dissolved Solids (TDS):

The receiving water body Las Vegas Wash, pursuant to NAC 445A.2156, has TDS RMHQ reference standard of 95% S.V. samples <=1900 mg/l and most restrictive WQSBU (Livestock) standard of <=3000 mg/l. The permittee reported representative water quality analysis for TDS are 3010 mg/l & 3620 mg/l. It is reasonable to expect the effluent not to be within the RMHQ standard. However the ultimate destination, based on the origin, of the proposed discharges is consistent with the assumption that the discharge activities may accelerate the reach time to the Wash but at a 30-day average flow rate of 1 MGD may not alter the mass loading of TDS significantly enough to cause excursion of the RMHQ in the Wash. This assumption is also similar to the base load assumption, in the context of the Groundwater Dewatering Activities in the Las Vegas area, of the Total Phosphorous per the BWQP memo dated June 9, 2017.

This RPA is consistent with the assumptions for the natural background water per NAC 445A.120 (2) and NAC 445A.121(8), 'Natural water conditions may, on occasion, be outside the limits established by standards. The standards adopted in NAC 445A.070 to 445A.2234, inclusive, relate to the condition of waters as affected by discharges relating to human activities.'

As such, the WQSBU standard for TDS of 3000 mg/l is deemed protective of the receiving water and may be adopted as permit limit for discharges as covered by this permit.

Flow:

Daily Maximum < 2.0 MGD

Discharges From Future Outfalls:

Permittee estimated 30-day average flow is 1.0 MGD and Daily Maximum discharge rate is <2.0 MGD.

Corrective Action Sites:

No currently active Bureau of Corrective Action (BCA) sites exist within a 5000 mile radial distance from the general project site. The nearest BCA contaminant plume is 8-000953 for MTBE and it is located northwest and downgradient at about 1 mile from the site. No interference from the proposed dewatering activities is expected at this time.

Wellhead Protection Program:

The nearest public water system (PWS) well is located 3,070 feet southeast and cross gradient of the permit discharge point near the intersection of Sahara Avenue and Boulder Highway. The groundwater flow direction is generally to the east toward Las Vegas Wash. The project site is just outside the 3000-foot radius drinking water protection area (DWPA) which represents 10-year capture zone. The discharge facility is not located within any well head protection area (WHPA). The next closest PWS well is located 6,540 feet northwest and cross gradient of the discharge facility. The two PWS wells are completed within a confined aquifer with adequate sanitary seals. The permitted discharge will probably not affect the PWS because of proper well construction within a confined aquifer, conveyance of the discharge water within an existing flood control channel and the hydraulic gradient between the permitted facility and the wells.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit a dewatering plan for the permitted project as prepared by a Nevada State Engineering Board certified Professional Engineer, for the Division's review, prior to the construction or installation of any dewatering related project components. The dewatering plan shall include but not limited to, best management practices and appropriate controls to be adapted, velocity dissipation measures when needed, tentative plan(s) for treatment(s) should the actual discharge characteristics warrant to ensure the discharges meet the permit conditions. Appropriate controls include sediment basins or sediment traps, sediment socks, dewatering tanks, tube settlers, weir tanks, filtration systems (e.g., bag or sand filters), and passive treatment systems that are designed to remove sediment.	8/1/2018
2	The Permittee shall submit and be approved for an Operations and Maintenance Manual for the project prior to the commencement of discharges under this permit.	8/1/2018
3	The Permittee shall submit all DMRs electronically through the Nevada NetDMR website: https://netdmr.ndep.nv.gov/netdmr/public/home/htm	8/1/2018

Deliverable Schedule:

DLV– Deliverable Schedule for Reports, Plans, and Other Submittals

Item #	Description	Interval	First Scheduled Due Date
1	Monthly DMRs	Quarterly	7/28/2018
2	Quarterly DMRs	Quarterly	7/28/2018
3	Bi-annual DMRs	Biannually (Every two years)	1/28/2019
4	Annual Reports	Annually	1/28/2019

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to waters of the U.S. subject to the conditions contained within the permit, is being sent to the Las Vegas Review Journal for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. 6/28/2018 , a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator of EPA Region IX or any interested agency, person or group of persons. The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted. Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination:

The Division has made the tentative determination to issue / re-issue the proposed 5-year permit.

Prepared by: **Sharada Maligireddy**
Date: **5/16/2018**
Title: **Staff Engineer**

Attachment A
Priority Pollutants

BASE NEUTRAL EXTRACTIBLES		VOLATILE ORGANICS		PESTICIDES		ACID EXTRACTABLES		METALS		DIOXINS		OTHER	
Storet Code	Name	Storet Code	Name	Storet Code	Name	Storet Code	Name	Storet Code	Name	Storet Code	Name	Storet Code	Name
34551	1,2,4-Trichlorobenzene	34506	1,1,1-Trichloroethane	39310	4,4-DDD	34621	2,4,6-Trichlorophenol	01268	Antimony	34675	2,3,7,8-TCDD	00948	Asbestos
34536	1,2-Dichlorobenzene	34516	1,1,2,2-Tetrachloroethane	39320	4,4-DDE	34601	2,4-Dichlorophenol	00978	Arsenic			00720	Cyanide, total
34346	1,2-Diphenylhydrazine	34511	1,1,2-Trichloroethane	39300	4,4-DDT	34606	2,4-Dimethylphenol	00998	Beryllium				
34566	1,3-Dichlorobenzene	34496	1,1-Dichloroethane	39330	Aldrin	34616	2,4-Dinitrophenol	01113	Cadmium				
34571	1,4-Dichlorobenzene	34501	1,1-Dichloroethylene	39336	Alpha-BHC	34586	2-Chlorophenol	01118	Chromium				
34611	2,4-Dinitrotoluene	32103	1,2-Dichloroethane	34361	Endosulfan I (alpha)	03615	2-Methyl-4,6-dinitrophenol	01119	Copper				
34626	2,6-Dinitrotoluene	34541	1,2-Dichloropropane	39338	Beta-BHC	34591	2-Nitrophenol	01114	Lead				
34581	2-Chloronaphthalene	34546	Trans-1,2-Dichloroethylene	34356	Endosulfan II (beta)	70012	4-Chloro-3-methylphenol	71901	Mercury				
34631	3,3-Dichlorobenzidine	77163	1,3-Dichloropropene (mixed)	39350	Chlordane (Technical)	34646	4-Nitrophenol	01074	Nickel				
34636	4-Bromophenyl phenyl ether	34576	2-Chloroethyl vinyl ether	34198	Delta-BHC	39032	Pentachlorophenol	00981	Selenium				
34641	4-Chlorophenyl phenyl ether	34210	Acrolein	39380	Dieldrin	34694	Phenol	01079	Silver				
34205	Acenaphthene	34215	Acrylonitrile	34351	Endosulfan sulfate			00982	Thallium				
34200	Acenaphthylene	34030	Benzene	39390	Endrin			01094	Zinc				
34220	Anthracene	32104	Bromoform	34386	Endrin aldehyde								
39120	Benzidine	32102	Carbon tetrachloride	39344	Gamma-BHC (Lindane)								
34526	Benzo(a)anthracene	34301	Chlorobenzene	39410	Heptachlor								
34247	Benzo(a)pyrene	85811	Chloroethane	39420	Heptachlor epoxide								
34230	Benzo(b)fluoranthene	32106	Chloroform	34671	Aroclor (PCB) 1016								
34521	Benzo(g,h,i)perylene	32105	Dibromochloromethane	39488	Aroclor (PCB) 1221								
34242	Benzo(k)fluoranthene	32101	Bromodichloromethane	39492	Aroclor (PCB) 1232								
34278	Bis(2-Chloroethoxy) methane	34371	Ethylbenzene	39496	Aroclor (PCB) 1242								
34273	Bis(2-chloroethyl) ether	34413	Bromomethane	39500	Aroclor (PCB) 1248								
34283	Bis(2-Chloroisopropyl) ether	34418	Chloromethane	39504	Aroclor (PCB) 1254								
39100	Bis(2-ethylhexyl) phthalate	34423	Dichloromethane	39508	Aroclor (PCB) 1260								
34292	Butyl benzyl phthalate	34475	Tetrachloroethylene	39469	Toxaphene								
34320	Chrysene	34010	Toluene										
34556	Dibenzo(a,h)anthracene	39180	Trichloroethylene										
34336	Diethyl phthalate	39175	Vinyl chloride										
34341	Dimethyl phthalate												
39110	Di-n-butyl phthalate												
34596	Di-n-octyl phthalate												
34376	Fluoranthene												
34381	Fluorene												
39700	Hexachlorobenzene												
34391	Hexachlorobutadiene												
34386	Hexachlorocyclopentadiene												
34396	Hexachloroethane												
34403	Indeno(1,2,3-cd)pyrene												
34408	Isophorone												
34696	Naphthalene												
34447	Nitrobenzene												
34438	N-Nitrosodimethylamine												
34428	N-Nitrosodi-n-propylamine												
34433	N-Nitrosodiphenylamine												
34461	Phenanthrene												
34469	Pyrene												

Note: Priority Pollutants shall be analyzed using approved Environmental Protection Agency (EPA) Methods, and/or an appropriate combination of these methods to verify compliance with applicable water quality standards.

4/27/2010